



City of Seattle



U.S. Environmental
Protection Agency



South Lake Union Construction Complete

The King County contractor building wastewater pipelines in the south Lake Union area completed tunneling and related underground work in November. The \$10 million contract included four new pipelines, three of which were tunneled. The third and final tunnel was completed in August 2004, enabling crews to begin work on connecting the new facilities to the City of Seattle's rebuilt sewer system on the east side of Lake Union.

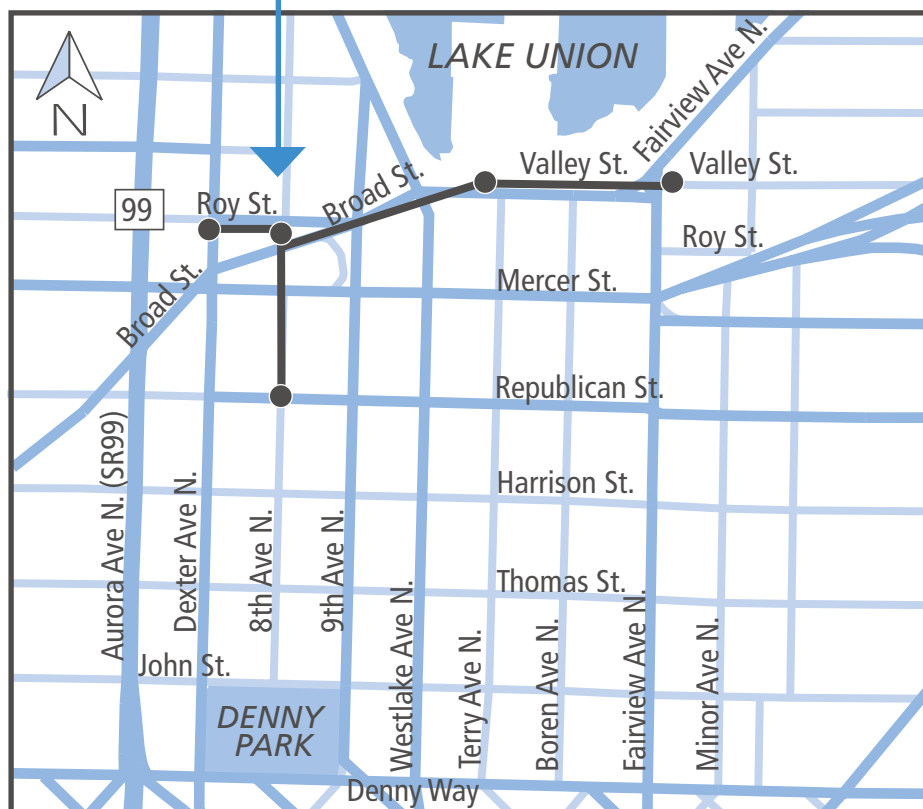
Construction of all three tunnels was challenging because of ground conditions. Investigations during the design phase helped identify the best alignments for the tunnels, but the county recognized that unfavorable conditions were still possible. The contractor's tunnel-boring machine mined successfully through timber piles, fill material and some small boulders. In the third and final tunnel, it came upon a boulder that was too large and hard for the boring machine to break up. Consequently, the contractor built a rescue shaft to remove the boulder and repair the face of the machine. After the repairs, the boring machine resumed tunneling and completed the tunnel to an access shaft at Fairview Avenue North and Valley Street.

During the past few months, crews also completed construction of underground facilities and began restoration and cleanup tasks. Some activities are still under way, mostly at the tunnel beginning and end points as shown in the map. All work is expected to be complete by early December 2004. During the next couple of weeks, you may continue to notice crews working in these areas to finish pavement, sidewalk, and landscape restoration. However, work will quiet down significantly, and soon you will finally be able to enjoy south Lake Union streets without any signs of construction from this project.



Completion of this work is a major project milestone and one of the most challenging parts of the Denny Way Combined Sewer Overflow Control Project. King County and the City of Seattle would like to thank all businesses, residents, commuters and organizations in the south Lake Union area that have been affected by construction during the past few years. We appreciate your cooperation, patience and understanding!

Restored East Portal, located on the corner of Roy Street and 8th Avenue N.



— New tunnels in south Lake Union ● Tunnel beginning and end points

Who Can I
Contact with...
Questions?
Comments?
A Problem with
Construction?

Community Liaison

Yvonne Kraus

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206-269-0229, ext: 12

Internet Address:

<http://dnr.metrokc.gov/wtd/dennyway/>

E-mail: yvonne@na-company.com

Hotline number: 206-205-1460.

Use this number 24 hours a day
to report complaints about
construction activities.

Read all the latest news!

DENNY WAY/LAKE UNION CSO CONTROL PROJECT

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CSO Control Facility Taking Shape

As you can see in the photo to the right, taken in October 2004, the outside of the combined sewer overflow control facility is nearly done. Most interior equipment has been installed as well, and crews are now focusing on equipment testing and facility startup. The remaining exterior work—including windows, roofing and doors—will be finished before the end of the year. Landscaping at the facility will also be done by the end of the year. In February 2005, final connections will be made from existing sewer lines to the new facilities, and the facility will begin operation.



The facility is at its final height, and the roofline you see is permanent. The roofing material will have a nonreflective coating, preventing glare into windows of buildings facing the facility.

King County owns the property to the south of the CSO control facility and is discussing potential future use of this area. In the meantime, once construction has been completed the asphalt will be removed and the area will be fenced. In the spring, the vacant area will be hydro-seeded.

The CSO control facility will operate only during wet weather and will be idle at other times. During rainstorms, it will begin treating combined wastewater and storm runoff flows automatically to control untreated CSOs into Elliott Bay. There will not be any noticeable odors or noise beyond the property line of this facility. Maintenance staff will make routine visits to the facility and will be on-site during and after storms. Routine truck traffic to and from the facility is expected to be minimal.

As always, please contact us if you have questions about this facility or the project in general.

Alternative Formats Available

206-269-0229. TTY Relay: 711.

Clean water – a sound investment.